

# PRODUCT DATASHEET

## Damp Proof Essential 2x15W 1200mm 4000K

Essentials Damp Proof | Essential Damp Proof luminaires for basic user purposes

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### Areas of application

- Basements, garages, warehouses



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### Product benefits

- Suitable for use in dusty and damp outdoor locations thanks to high IP rating

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### Product features

- Damp-proof luminaire with LED tube for mains voltage operation



TECHNICAL DATA

Electrical data

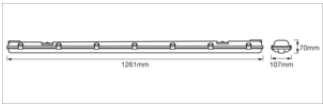
|                                                             |             |
|-------------------------------------------------------------|-------------|
| Nominal wattage                                             | 30.00 W     |
| Nominal voltage                                             | 220...240 V |
| Mains frequency                                             | 50...60 Hz  |
| Nominal current                                             | 240.000 mA  |
| Inrush current time T <sub>h50</sub>                        | 482 µs      |
| Max. number of luminaires per miniature circuit breaker B16 | 12          |
| Max. number of luminaires per miniature circuit breaker C16 | 20          |
| Power factor λ                                              | > 0.5       |
| Total harmonic distortion                                   | 86 %        |
| Protection class                                            | II          |

Photometrical data

|                                                |                    |
|------------------------------------------------|--------------------|
| Luminous flux                                  | 2400 lm            |
| Total luminous flux of contained light sources | 3300 lm            |
| Luminous efficacy                              | 80 lm/W            |
| Color temperature                              | 4000 K             |
| Light color (designation)                      | Cool White         |
| Color rendering index Ra                       | ≥80                |
| Standard deviation of color matching           | 6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | -                  |
| Stroboscope effect metric (SVM)                | -                  |
| Photobiological safety group acc. to EN62778   | RG0                |
| Photobiological safety group acc. to EN62471   | RG0                |
| Beam angle                                     | 120 °              |
| UGR                                            | < 25               |

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1261.00 mm |
| Width          | 108.00 mm  |
| Height         | 64.00 mm   |
| Product weight | 1136.00 g  |



SUBMARINE LED 2X16W 840 120

Materials & Colors

|                                            |         |
|--------------------------------------------|---------|
| Product color                              | Gray    |
| Housing color                              | Gray    |
| Body material                              | Plastic |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C  |
| Mercury content                            | 0.0 mg  |

Application & Mounting

|                                        |               |
|----------------------------------------|---------------|
| Ambient temperature range              | -20...+40 °C  |
| Type of connection                     | Cable, 3-pole |
| Type of protection                     | IP65          |
| Protection class IK (shock resistance) | IK06          |
| Dimmable                               | No            |
| Mounting type                          | Surface       |
| Application environment                | Indoor        |
| With light source                      | Yes           |
| Replaceable light source               | No            |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 12500                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

|                                                      |           |
|------------------------------------------------------|-----------|
| Standards                                            | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No        |
| Ball shot safe                                       | No        |

Additional product data

|                       |   |
|-----------------------|---|
| Number of illuminants | 2 |
|-----------------------|---|

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## EQUIPMENT / ACCESSORIES

- LED Tube is delivered with the product
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## Safety advice

- All electrical connections must be made by a qualified person.
  - Caution, risk of electric shock.
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## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                       |
|----------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|
|  | User instruction / safety instructions | DAMP PROOF ESSENTIAL                |
|  | Declarations of conformity             | CE Declaration DAMP PROOF ESSENTIAL |
|  | Declarations of conformity UKCA        | Fixed LUM                           |

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075762596 | Folding box<br>1             | 112 mm x 1,270 mm x 71 mm            | 1277.00 g    | 10.10 dm <sup>3</sup> |
| 4058075762602 | Shipping box<br>6            | 1,287 mm x 241 mm x 229 mm           | 8829.00 g    | 71.03 dm <sup>3</sup> |

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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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